SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Title Page	
Facility ID:	124838
Revision #:	27
Date:	July 20, 2012

FACILITY PERMIT TO OPERATE

EXIDE TECHNOLOGIES
2700 S INDIANA ST
VERNON, CA 90058

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By
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Deputy Executive Officer
Engineering & Compliance

FACILITY PERMIT TO OPERATE
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
System 1: RAW MATERIAL PREPARATION SYSTEM (RMPS)					
SCRUBBER, PACKED BED, MAPCO, MODEL MW-100-24, WITH 2 FT PACKING,4 IN THICK MESH PAD,CHEVRON TYPE MIST ELIMINATOR,100 HP BLOWER, WIDTH: 11 FT 2 IN; HEIGHT: 8 FT 3 IN; LENGTH: 15 FT A/N: 501057 Permit to Construct Issued: 03/30/10	C165	D1 D2 D3 D4 D5 C172 C175 C191		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C8.4, D12.12, D182.1, D323.1, H116.3, K171.2
MIST ELIMINATOR, HEPA, MAPCO, MODEL MW-100-24, WITH 16 HEPA FILTERS, EACH 2 FT W. X 2 FT L. X 11.5 INCHES THICK A/N: 501057 Permit to Construct Issued: 03/30/10	C172	C165 S166		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.14, D182.1, D323.1, H116.3, K171.2
STACK, HEIGHT: 65 FT ; DIAMETER: 3 FT 8 IN A/N: 501057 Permit to Construct Issued: 03/30/10	S166	C172		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	
ENCLOSURE, BUILDING, RAW MATERIAL PREPARATION SYSTEM, 125 FT W. X 329 FT L. X 75 FT H., APPROXIMATE DIMENSIONS WITH A/N:	C175	C156 C157 C165 C191		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 405, 2-7-1986]**	E448.2
ENCLOSURE, BUILDING, TRUCK LOADING AND UNLOADING, 21 FT W. X 41 FT L. X 17 FT H., APPROXIMATE DIMENSIONS	C191	C156 C157 C165 C175		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 405, 2-7-1986]**	E448.2
System 2: FEED DRYING SYSTEM					

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
BAGHOUSE, WITH 100-H.P. BLOWER, WITH EXPANDED TEFLON MEMBRANE BAGS WITH TEFLON SUBSTRATES, 5881 SQ.FT.; 312 BAGS A/N: 520501 Permit to Construct Issued: 06/24/11	C144	C143 C184		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C6.2, D12.5, D12.6, D381.1, E102.1, E193.1, H116.1, H116.2, H116.4, K67.2
DUST COLLECTOR, HEPA, WITH 6 PRE-FILTERS EACH 2 FT W. X 2 FT L. X 2 INCHES THICK, WITH 6 HEPA FILTERS EACH 2 FT W. X 2 FT L. X 11.5 INCHES THICK A/N: 520501 Permit to Construct Issued: 06/24/11	C184	C144 S145		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.18, D182.4, D323.1, H116.3, K171.5
STACK, HEIGHT: 120 FT ; DIAMETER: 3 FT A/N: 520501 Permit to Construct Issued: 06/24/11	S145	C184			D182.5, D381.1, K171.5
System 6: FUGITIVE DUST CONTROL SYSTEM					

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
DUST COLLECTOR, WITH 208 CARTRIDGE FILTERS, EACH 1 FT.-2 IN. DIA. X 2 FT.-2IN. L., NORTH TORIT, MODEL DFT-4-208, WITH A 250 HP BLOWER AND A TRIBOELECTRIC-TYPE BROKEN FILTER DETECTOR A/N: 520575 Permit to Construct Issued: 06/17/11	C38	D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D117 D118 D119 D120 D121 D122 D123 D124 D125 D128 D129 D130 D131 D132 D133 C179 C186 C190		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.1, D12.17, D182.3, D381.1, E71.2, E71.3, E102.1, E193.1, H116.2, H116.4, K67.1, K171.1
DUST COLLECTOR, HEPA, 4 SECTIONS, WITH 60 PRE-FILTERS TOTAL, EACH 2 FT W. X 2 FT L. X 2 INCHES THICK, WITH 60 HEPA FILTERS TOTAL, EACH 2 FT W. X 2 FT L. X 11.5 INCHES THICK A/N: 520575 Permit to Construct Issued: 06/17/11	C186	C38 S187		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.19, D323.1, E102.1, E448.1, H116.1
STACK, HEIGHT: 120 FT ; DIAMETER: 7 FT A/N: 520575 Permit to Construct Issued: 06/17/11	S187	C186		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D182.5, D381.1, K171.5

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
DUST COLLECTOR, WITH 208 CARTRIDGE FILTERS, EACH 1 FT.-2 IN. DIA. X 2 FT.-2IN. L., SOUTH TORIT, MODEL DFT-4-208, WITH A 250 HP BLOWER AND A TRIBOELECTRIC-TYPE BROKEN FILTER DETECTOR A/N: 520577 Permit to Construct Issued: 06/17/11	C39	D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D117 D118 D119 D120 D121 D122 D123 D124 D125 D128 D129 D130 D131 D132 D133 C179 C188 C190		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.1, D12.17, D182.3, D381.1, E71.2, E71.3, E102.1, E193.1, H116.2, H116.4, K67.1, K171.1
DUST COLLECTOR, HEPA, 4 SECTIONS, WITH 60 PRE-FILTERS TOTAL, EACH 2 FT W. X 2 FT L. X 2 INCHES THICK, WITH 60 HEPA FILTERS TOTAL, EACH 2 FT W. X 2 FT L. X 11.5 INCHES THICK A/N: 520577 Permit to Construct Issued: 06/17/11	C188	C39 S189		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.19, D323.1, E102.1, E448.1, H116.1
STACK, HEIGHT: 120 FT ; DIAMETER: 7 FT A/N: 520577 Permit to Construct Issued: 06/17/11	S189	C188		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D182.5, D381.1, K171.5

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
ENCLOSURE, BUILDING, BAGHOUSE AREA, 140 FT W. X 320 FT L. X 79 FT H., APPROXIMATE DIMENSIONS A/N: 520477 Permit to Construct Issued: 06/24/11	C190	C38 C39			E448.8
System 10: REVERB FURNACE FEED ROOM APCS					
BAGHOUSE, NO. 1, WITH 494 BAGS, EACH 4-5/8 INCH DIAMETER X 12 FEET LONG, PTFE MEMBRANE, MAC, MODEL 144MCF494, WITH A 150 HP BLOWER AND A BROKEN BAG DETECTOR, PULSE JET CLEANED A/N: 520478 Permit to Construct Issued: 06/24/11	C156	D7 D9 D11 D13 D15 D17 D19 D24 D26 D28 D30 D32 D34 D36 D109 D110 D111 D112 D113 D151 S158 C175 C182 C191		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C6.4, D12.6, D12.7, D12.10, D12.16, D182.2, D381.1, E102.1, H116.1, H116.4, K171.1
BAGHOUSE, NO. 2, WITH 494 BAGS, EACH 4-5/8 INCH DIAMETER X 12 FEET LONG, PTFE MEMBRANE, MAC, MODEL 144MCF494, WITH A 150 HP BLOWER AND A BROKEN BAG DETECTOR, PULSE JET CLEANED A/N: 520478 Permit to Construct Issued: 06/24/11	C157	D7 D9 D11 D13 D15 D17 D19 D24 D26 D28 D30 D32 D34 D36 D109 D110 D111 D112 D113 D151 S158 C175 C182 C191		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C6.4, D12.6, D12.7, D12.10, D12.16, D182.2, D381.1, E102.1, H116.1, H116.4, K171.1
STACK, HEIGHT: 120 FT ; DIAMETER: 6 FT A/N: 520478 Permit to Construct Issued: 06/24/11	S158	C156 C157		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D182.5, D381.1, K171.5
System 11: CUPOLA FURNACE FEED ROOM APCS					

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
CYCLONE, SPENCER, MODEL CH950CB-MOD, HEIGHT: 7 FT ; DIAMETER: 4 FT 2 IN A/N: 496418 Permit to Construct Issued: 06/24/09	C159	C160 D161		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D323.1, E102.1, H116.3
BAGHOUSE, CENTRAL VACUUM SYSTEM A, SPENCER, MODEL JH9600B8-M, WITH 75 HP BLOWER, 468 SQ.FT. A/N: 496418 Permit to Construct Issued: 06/24/09	C160	C48 C159		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D381.2, E102.1, H116.3
FLOOR SWEEP, 50 TOTAL A/N: 496418 Permit to Construct Issued: 06/24/09	D161	C159		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D323.1
CYCLONE, SPENCER, MODEL CH942CB-MOD, HEIGHT: 6 FT ; DIAMETER: 3 FT 6 IN A/N: 496419 Permit to Construct Issued: 06/24/09	C162	C163 D164		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D323.1, E102.1, H116.3
BAGHOUSE, CENTRAL VACUUM SYSTEM B, SPENCER, MODEL JH9600B8-M, WITH 50 HP BLOWER, 468 SQ.FT. A/N: 496419 Permit to Construct Issued: 06/24/09	C163	C48 C162		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D381.2, E102.1, H116.3
FLOOR SWEEP, 48 TOTAL A/N: 496419 Permit to Construct Issued: 06/24/09	D164	C162		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D323.1
BAGHOUSE, WITH 300 HP BLOWER, 64000 SQ.FT. A/N: 496418 Permit to Construct Issued: 06/24/09	C48	D126 S142 C160 C163		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.6, D12.10, D381.1, E102.1, H116.3

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
STACK, HEIGHT: 112 FT ; DIAMETER: 7 FT A/N: 496418 Permit to Construct Issued: 06/24/09	S142	C48		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D381.1
Process 3: WASTE HANDLING					
System 12: PORTABLE VACUUM SWEEPING SYSTEM					
FLOOR SWEEP, HEPA VACUUM, LEAD ABATEMENT, NILFISK, MODEL GWD220, CANNISTER TYPE, 20 GALLON CAPACITY, 220 CFM RATED A/N: 517319 Permit to Construct Issued: 05/18/11	C185			**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	E448.4, K171.3

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
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SECTION H: DEVICE ID INDEX

The following sub-section provides an index to the devices that make up the facility description sorted by device ID.

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SECTION H: DEVICE ID INDEX

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The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

Rule 1420.1

A. The total facility mass lead emissions from all lead point sources shall not exceed 0.045 pounds of lead per hour.

B. The total facility and maximum emission rates shall be determined using the most recent source tests conducted by the facility or the District.

[RULE 1420.1, 11-5-2010]

DEVICE CONDITIONS

C. Throughput or Operating Parameter Limits

C6.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 400 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the baghouse inlet duct, in degrees Fahrenheit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 30 degrees Fahrenheit. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C144]

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The operator shall comply with the terms and conditions set forth below:

C6.4 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 150 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the baghouse inlet duct, in degrees Fahrenheit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 30 degrees Fahrenheit. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C156, C157]

C8.4 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 110 gpm.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate in the scrubber liquid recirculation line, in gallons per minute.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C165]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) triboelectric-type broken bag detector to accurately indicate the existence of a leak in the cartridge filters.

The measuring device or gauge shall be accurate to within the limits defined in the calibration protocol from the manufacturer. It shall be calibrated once every 12 months.

The continuous monitoring system shall include visual and audio alarms.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C38, C39]

D12.5 The operator shall install and maintain a(n) triboelectric-type broken bag detector to accurately indicate the existence of a leak in the baghouse bags.

The measuring device or gauge shall be accurate to within the limits defined in the calibration protocol from the manufacturer. It shall be calibrated once every 12 months.

The continuous monitoring system shall include visual and audio alarms.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1407, 7-8-1994]

[Devices subject to this condition : C144]

D12.6 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the bags, in inches water column.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1407, 7-8-1994]

[Devices subject to this condition : C48, C144, C156, C157]

D12.7 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the baghouse inlet duct, in degrees Fahrenheit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 30 degrees Fahrenheit. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C156, C157]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D12.10 The operator shall install and maintain a(n) sensor to accurately indicate the existence of a leak in the the baghouse bags.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C48, C156, C157]

D12.12 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the scrubber, in inches water column.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C165]

D12.14 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the HEPA filter mist eliminator, in inches water column.

The pressure differential across the HEPA filter mist eliminator shall not exceed 3.0 inches water column.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1420, 9-11-1992]

[Devices subject to this condition : C172]

D12.16 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate in the baghouse inlet or outlet duct, in feet per minute.

[RULE 1407, 7-8-1994]

[Devices subject to this condition : C156, C157]

D12.17 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the cartridge filters, in inches water column.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C38, C39]

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The operator shall comply with the terms and conditions set forth below:

D12.18 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the HEPA filter dust collector, in inches water column.

The pressure differential across the HEPA filter dust collector shall not exceed 3.0 inches water column.

[**RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 1420, 9-11-1992]

[Devices subject to this condition : C184]

D12.19 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the the HEPA filter dust collector, in inches water column.

The pressure differential across the HEPA filter dust collector shall not exceed 4.0 inches water column.

[**RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1420, 9-11-1992]

[Devices subject to this condition : C186, C188]

D182.1 The operator shall test this equipment in accordance with the following specifications:

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EXIDE TECHNOLOGIES

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The operator shall comply with the terms and conditions set forth below:

A) The test(s) shall be conducted and a written report submitted to the AQMD not later than 180 days of the construction of the enclosure of the RPMS building and installation of the exhaust system including the 100-H.P. exhaust blower and associated ductwork.

B) The test(s) shall measure the emissions of lead at the inlet of the scrubber and the outlet of the HEPA filters. Triplicate source tests shall be conducted simultaneously on the inlet and outlet in accordance with the requirements set forth by Rule 1420 (e)(2).

C) Triplicate source tests shall be conducted for exhaust gas lead concentration in the HEPA filter exhaust outlet, pursuant to 40CFR 63 Subpart X. The outlet tests in part B of this condition may be used to fulfill this requirement if equivalency in testing methods can be demonstrated to satisfy the requirements of both rules.

D) The tests shall be conducted while the Raw Material Preparation System is operated under normal operating conditions.

E) The source tests shall be performed by a qualified testing laboratory and conducted in accordance with acceptable district procedures.

F) The Rule 1420 source tests shall be conducted by a qualified testing contractor approved for Rule 1420 testing.

G) Written notice shall be provided to the AQMD at least 10 days prior to testing so that an AQMD observer may be present during the tests, if the AQMD decides to have an observer present.

H) Sampling facilities shall comply with the District "guidelines for the construction of sampling and testing facilities", pursuant to rule 217.

I) Written results shall be submitted to the AQMD within 60 days after testing.

[RULE 1420, 9-11-1992]

[Devices subject to this condition : C165, C172]

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The operator shall comply with the terms and conditions set forth below:

D182.2 The operator shall test this equipment in accordance with the following specifications:

A) The test(s) shall be conducted and a written report submitted to the AQMD not later than 180 days of initial installation of the PTFE Membrane filter bags.

B) The test(s) shall measure the emissions of lead at the common inlet and outlet of the baghouses. Triplicate source tests shall be conducted simultaneously on the common inlet and outlet of the baghouses in accordance with the requirements set forth by Rule 1420 (e)(2).

C) Triplicate source tests shall be conducted for exhaust gas lead concentration in the common baghouse outlet, pursuant to 40CFR 63 Subpart X. The outlet tests in part B of this condition may be used to fulfill this requirement if equivalency in testing methods can be demonstrated to satisfy the requirements of both rules.

D) The tests shall be conducted while the reverberatory and cupola furnaces are operated under normal operating conditions.

E) The source tests shall be performed by a qualified testing laboratory, conducted in accordance with acceptable district procedures and monitored by a district representative.

F) The rule 1420 source tests shall be conducted by a qualified testing contractor approved for rule 1420 testing.

G) Written notice shall be provided to the AQMD at least 10 days prior to testing so that an AQMD observer may be present during the tests.

H) Sampling facilities shall comply with the attached district "guidelines for the construction of sampling and testing facilities", pursuant to rule 217.

I) Written results shall be submitted to the AQMD within 60 days after testing.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; **40CFR 63 Subpart X, 6-23-2003**]

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The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C156, C157]

D182.3 The operator shall test this equipment in accordance with the following specifications:

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The operator shall comply with the terms and conditions set forth below:

A) The test(s) shall be conducted and a written report submitted to the AQMD not later than 180 days of initial installation of the new HEPA dust collectors.

B) The test(s) shall measure the emissions of lead at the inlet of the cartridge filter dust collector and the outlet of the HEPA filter dust collector. Triplicate source tests shall be conducted simultaneously on the inlet and outlet of the dust collectors in accordance with the requirements set forth by rule 1420 (e)(2) and 1420.1 (k).

C) Triplicate source tests shall be conducted for exhaust gas lead concentration in the HEPA dust collector outlet, pursuant to 40CFR 63 Subpart X. The outlet tests in part B of this condition may be used to fulfill this requirement if equivalency in testing methods can be demonstrated to satisfy the requirements of all applicable rules.

D) The tests shall be conducted while the reverberatory, cupola, and lead refining pot furnaces are operated under normal operating conditions.

E) The source tests shall be performed by a qualified testing laboratory, conducted in accordance with acceptable district procedures and monitored by a district representative.

F) The rule 1420 source tests shall be conducted by a qualified testing contractor approved for rule 1420 testing.

G) Written notice shall be provided to the AQMD at least 10 days prior to testing so that an AQMD observer may be present during the tests.

H) Sampling facilities shall comply with the attached district guidelines for the construction of sampling and testing facilities, pursuant to rule 217.

I) Written results shall be submitted to the AQMD within 60 days after testing.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **40CFR 63 Subpart X, 6-23-2003**]

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The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C38, C39]

D182.4 The operator shall test this equipment in accordance with the following specifications:

A) The test(s) shall be conducted and a written report submitted to the AQMD not later than 180 days of the construction of the enclosure of the HEPA filter dust collector.

B) The test(s) shall measure the emissions of lead at the outlet of the HEPA filter dust collector. Triplicate source tests shall be conducted in accordance with the requirements set forth by Rule 1420.1 (k).

C) Triplicate source tests shall be conducted for exhaust gas lead concentration in the HEPA filter exhaust outlet, pursuant to 40CFR 63 Subpart X. The outlet tests in part B of this condition may be used to fulfill this requirement if equivalency in testing methods can be demonstrated to satisfy the requirements of both rules.

D) The tests shall be conducted while the Rotary Dryer Furnace is operated under normal operating conditions.

E) The source tests shall be performed by a qualified testing laboratory and conducted in accordance with acceptable district procedures.

F) The Rule 1420.1 source tests shall be conducted by a qualified testing contractor approved for Rule 1420.1 testing.

G) Written notice shall be provided to the AQMD at least 10 days prior to testing so that an AQMD observer may be present during the tests, if the AQMD decides to have an observer present.

H) Sampling facilities shall comply with the District "guidelines for the construction of sampling and testing facilities", pursuant to rule 217.

I) Written results shall be submitted to the AQMD within 60 days after testing.

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The operator shall comply with the terms and conditions set forth below:

[RULE 1420.1, 11-5-2010]

[Devices subject to this condition : C184]

D182.5 The operator shall test this equipment in accordance with the following specifications:

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The operator shall comply with the terms and conditions set forth below:

A. The owner or operator shall conduct a source test of all stack outlets serving air pollution control systems controlling sources of lead emissions at least annually to demonstrate compliance with the control standards specified in Rule 1420.1 (f), and with the source test requirements in Rule 1420.1 (k).

B. If the results of the most recent source test for a lead point source demonstrating compliance with the lead emission standard of Rule 1420.1 (f) demonstrate emissions of 0.0025 pounds of lead per hour or less, the next test for that lead point source shall be performed no later than 24 months after the date of the most recent test.

C. The source tests shall measure the emissions of total lead discharged to the atmosphere and shall be performed in triplicate for each stack outlet.

D. The average of triplicate samples, obtained according to approved test methods specified in this condition, shall be used to determine compliance with Rule 1420.1.

E. Source tests shall be conducted while operating at a minimum of 80% of equipment maximum capacity and in accordance with any of the following applicable test methods:

(1) SCAQMD Method 12.1 - Determination of Inorganic Lead Emissions from Stationary Sources Using a Wet Impingement Train.

(2) ARB Method 12 - Determination of Inorganic Lead Emissions from Stationary Sources.

(3) EPA Method 12 - Determination of Inorganic Lead Emissions from Stationary Sources.

(4) ARB Method 436 - Determination of Multiple Metal Emissions from Stationary Sources.

F. The maximum emission rate for any single stack shall not exceed 0.010 pounds of lead per hour.

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The operator shall comply with the terms and conditions set forth below:

G. The total facility and maximum emission rates shall be determined using the most recent source tests conducted by the facility or the District.

[RULE 1420.1, 11-5-2010]

[Devices subject to this condition : S145, S158, S187, S189]

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The operator shall comply with the terms and conditions set forth below:

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or

2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

1). Stack or emission point identification;

2). Description of any corrective actions taken to abate visible emissions;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]

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The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C159, D161, C162, D164, C165, C172, C184, C186, C188]

D381.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a quarterly basis, at least, unless the equipment did not operate during the entire quarterly period. The routine quarterly inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

1). Stack or emission point identification;

2). Description of any corrective actions taken to abate visible emissions; and

3). Date and time visible emission was abated.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C38, C39, C48, S142, C144, S145, C156, C157, S158, S187, S189]

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The operator shall comply with the terms and conditions set forth below:

D381.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

1). Stack or emission point identification;

2). Description of any corrective actions taken to abate visible emissions; and

3). Date and time visible emission was abated.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C160, C163]

E. Equipment Operation/Construction Requirements

E71.2 The operator shall only use fire retardant filter media in this equipment during operation.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C38, C39]

E71.3 The operator shall only operate this equipment if a spark suppression system with a spark detector is fully operational and properly maintained in this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

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The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C38, C39]

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1420, 9-11-1992]

[Devices subject to this condition : C38, C39, C48, C144, C156, C157, C159, C160, C162, C163, C186, C188]

E193.1 The operator shall operate and maintain this equipment according to the following requirements:

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The operator shall comply with the terms and conditions set forth below:

A. The triboelectric-type broken bag detector shall be maintained in full operation whenever the equipment it serves is in operation

B. The operator shall operate and maintain the triboelectric-type broken bag detector with a continuous monitoring system consisting of visual and audible alarms.

C. A printout of the high level alarm log shall be generated from the computer system interfaced with each broken bag detector system each calendar day. This printout shall be saved as a hard copy, or saved in electronic TIFF or PDF format each day. This printout shall display, in graphical form, the analog output signal from the triboelectric sensor.

D. The detector shall be maintained in accordance with the specifications defined in the operating instructions from the manufacturer. The detector zero point calibration shall be performed not less than once every twelve months in accordance with the procedures specified by the manufacturer, as submitted under Application No. 466858, and/or as amended.

E. Whenever the manufacturer(s) or current procedure(s) for setting the annual zero point on the triboelectric-type broken bag detectors changes, the operator shall submit a revised set of written procedures to the AQMD and shall make these procedures and associated records available upon request by AQMD personnel.

F. For the purpose of this condition, a deviation shall be defined as the indication by the triboelectric-type broken bag detector alarm of the existence of a leak in the baghouse bags during the operation of the equipment it serves.

G. Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective action, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective actions taken.

H. All deviations shall be reported to the AQMD on a semi-annual basis pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23

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The operator shall comply with the terms and conditions set forth below:

in Section K of this permit. The semi-annual monitoring report shall include the total operating time of this equipment and the total accumulated duration of all deviations for each semi-annual reporting period specified in Condition No. 23 in Section K of this permit.

I. The operator shall submit an application with a Quality Improvement Plan (QIP) in accordance with 40 CFR Part 64.8 to the AQMD if more than six deviations occur in any semi-annual reporting period specified in Condition No. 23 in Section K of this permit. The required QIP shall be submitted to the AQMD within 90 calendar days after the due date for the semi-annual monitoring report.

J. The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

K. The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this condition and 40 CFR 64.9 for a minimum of five years.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; **40CFR 63 Subpart X, 6-23-2003; 40CFR Part 64, 10-22-1997**]

[Devices subject to this condition : C38, C39, C144]

E448.1 The operator shall comply with the following requirements:

A. The HEPA filters used in this equipment shall be certified, in writing, by the manufacturer to have a minimum control efficiency of 99.97 percent on 0.3 micron particles.

B. Copies of the HEPA filter certifications shall be kept and maintained on file for a minimum of 5 years and shall be provided to District personnel upon request.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **40CFR 63 Subpart X, 6-23-2003**]

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The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C186, C188]

E448.2 The operator shall comply with the following requirements:

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The operator shall comply with the terms and conditions set forth below:

Exide shall install and maintain at least three (3) separate pressure differential monitoring systems inside the Total Containment Building so as to measure the negative pressure differential between the internal building atmosphere and the external atmosphere at all times. Each of these systems shall be operated pursuant to the following requirements:

A. Each building pressure differential monitoring system shall be equipped with a continuous chart recorder.

B. A minimum of one (1) building pressure differential monitoring system shall be installed at each of the following three (3) walls in the Total Containment Building.

1. Leeward wall inside of the Total Containment Building in accordance with 40 CFR 63 Subpart X.

2. The inside wall of the building opposite the leeward wall.

3. An inside wall location defined by the intersection of a perpendicular line between this wall and within plus or minus ten (10) meters of the midpoint of a straight line between the two other monitors described in Subparts (B)(1) and (B)(2) of this condition. For the purpose of this condition, the midpoint monitor shall NOT be located on the same walls as any of the other two monitors described in this condition.

C. The total open area of the RPMS total enclosure building shall not exceed 72.9 square feet, except for: solid doors opened during ingress and egress of personnel, and, the maintenance door opened during transport of equipment used for repairs.

D. The outer door on the truck enclosure attached to the RMPS building shall remain closed at all times except for periods of ingress and egress of trucks, trailers, equipment and/or personnel. The outer door on the truck enclosure shall remain closed throughout all periods of cargo loading and/or unloading.

E. The internal floor area, internal surfaces, and external surfaces, of the truck

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The operator shall comply with the terms and conditions set forth below:

enclosure attached to the RMPS building shall be maintained visibly free of lead contamination, to the maximum extent possible, pursuant to all applicable requirements in the Rule 1420 plan for this facility and with all applicable requirements in Rule 1420.1.

[RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010]

[Devices subject to this condition : C175]

E448.4 The operator shall comply with the following requirements:

1) The HEPA filters used in this equipment shall be certified by the manufacturer to have a minimum control efficiency of 99.97 percent on 0.3 micron particles.

2) Dust collected in this equipment shall only be discharged into containers which shall be maintained closed after the disposal of dust from this equipment.

3) After use and/or whenever maintenance is performed on the HEPA vacuum sweeper, this equipment shall only be disassembled, emptied and/or cleaned within a total enclosure building which is vented to air pollution control system(s) which are in full use and which have been issued Permits to Construct and/or Operate by the Executive Officer of the AQMD.

4) Visible emissions shall not be discharged from any point on this equipment.

5) Identification tag(s) or name plate(s) shall be displayed on this equipment to show manufacturer model no. and serial no. The tag(s) or name plate(s) shall be affixed to this equipment in a permanent and conspicuous location.

[RULE 1420, 9-11-1992]

[Devices subject to this condition : C185]

E448.8 The operator shall comply with the following requirements:

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The operator shall comply with the terms and conditions set forth below:

Exide shall install and maintain at least three (3) separate pressure differential monitoring systems inside the Total Containment Building so as to measure the negative pressure differential between the internal building atmosphere and the external atmosphere at all times. Each of these systems shall be operated pursuant to the following requirements:

A. Each building pressure differential monitoring system shall be equipped with a continuous chart recorder.

B. A minimum of one (1) building pressure differential monitoring system shall be installed at each of the following three (3) walls in the Baghouse Area Total Enclosure Building, pursuant to the requirements in Rule 1420.1 (e)(4):

1. Leeward wall inside of the total enclosure building.

2. The inside wall of the building opposite the leeward wall.

3. An inside wall location defined by the intersection of a perpendicular line between this wall and within plus or minus ten (10) meters of the midpoint of a straight line between the two other monitors described in Subparts (B)(1) and (B)(2) of this condition. For the purpose of this condition, the midpoint monitor shall NOT be located on the same walls as any of the other two monitors described in this condition.

C. For the purpose of this condition, the differential pressure monitor probes shall be installed at locations on the walls of the Baghouse Area Total Enclosure Building which are higher than the roof lines of the attached adjacent buildings so as to measure the true pressure differentials between the air inside the Baghouse Area Total Enclosure Building and the outside atmosphere.

D. Ventilation of the total enclosure at any opening including, but not limited to, vents, windows, passages, doorways, bay doors, and roll-ups shall continuously be maintained at a negative pressure of at least 0.02 mm of Hg (0.011 inches water column).

E. Each differential pressure monitoring system shall be equipped with a backup,

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The operator shall comply with the terms and conditions set forth below:

uninterruptible power supply to ensure continuous operation of the monitoring system during a power outage.

[RULE 1420.1, 11-5-2010]

[Devices subject to this condition : C190]

H. Applicable Rules

H116.1 The operator shall ensure that the exhaust system conforms to design and operation specifications given in the most current edition of "Industrial Ventilation, Guidelines and Recommended Practices", published by the American Conference of Governmental and Industrial Hygienists (20th edition or thereafter) in order to comply with Rules 1407 and 1420 whenever the equipment vented by this air pollution control system is in operation.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992]

[Devices subject to this condition : C144, C156, C157, C186, C188]

H116.2 The operator shall be subject to the requirements stated in Rules 1407 and 1420 in order to comply with these rules whenever this equipment is in operation.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992]

[Devices subject to this condition : C38, C39, C144]

H116.3 The operator shall ensure that the exhaust system conforms to design and operation specifications given in the most current edition of "Industrial Ventilation, Guidelines and Recommended Practices", published by the American Conference of Governmental and Industrial Hygienists (20th edition or thereafter) in order to comply with Rule 1420 whenever the equipment vented by this air pollution control system is in operation.

[RULE 1420, 9-11-1992]

[Devices subject to this condition : C48, C159, C160, C162, C163, C165, C172, C184]

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The operator shall comply with the terms and conditions set forth below:

H116.4 The operator shall ensure that the bag and/or filter leak detection system meets the requirements of 40 CFR Part 63, Subpart X, Sections 63.548 (e) (1) through (e) (8), and shall follow the procedures outlined in the USEPAs Fabric Filter Bag Leak Detection Guidance dated September 1997 or any revisions thereafter in order to comply with the National Emission Standards for Secondary Lead Smelting whenever this equipment is in operation.

[40CFR 63 Subpart X, 6-23-2003; 40CFR Part 64, 10-22-1997]

[Devices subject to this condition : C38, C39, C144, C156, C157]

K. Record Keeping/Reporting

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The calendar dates on which calibrations of the triboelectric-type broken filter detector are performed.

A copy of the protocol from the manufacturer used to calibrate the triboelectric-type broken filter detector.

Documentation from the manufacturer certifying that all filter media used in this equipment is fire retardant.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C38, C39]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

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The operator shall comply with the terms and conditions set forth below:

The calendar dates on which triboelectric-type broken bag detector calibrations are performed.

A copy of the protocol from the manufacturer used to calibrate the triboelectric-type broken bag detector

Records from the baghouse inlet temperature recording device.

The calendar dates on which the baghouse inlet temperature indicating and recording device is calibrated.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1407, 7-8-1994]

[Devices subject to this condition : C144]

K171.1 The operator shall provide to the District the following items:

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The operator shall comply with the terms and conditions set forth below:

A) Two (2) copies of the test plan shall be submitted to the refinery and waste management permitting unit, engineering and compliance, not less than 60 calendar days prior to the initial test date and shall be approved by the district before the tests commence. The plan shall include the proposed operating conditions of the equipment during each test run.

B) The total amount, in tons, of all materials charged to the reverberatory and cupola furnaces during each test run shall be recorded. The measuring period for determining the process weight of throughputs shall include the period during which the test run occurred. This requirement shall apply to each test run.

C) A test plan shall be submitted for district approval, and it shall include the following:

1. The identity of the testing laboratory.

2. A statement from the testing laboratory certifying it meets the criteria in District Rule 304 (k).

3. A list of contaminants to be tested.

4. Testing procedures for each contaminant and a description of all sampling and analytical procedures to be used.

5. Location of points of sampling.

6. Quality assurance measures.

7. Experience in testing procedures.

8. Date(s) and time(s) of commencement of the test(s).

D) With respect to the devices listed in this condition, the source tests shall be completed and a final report submitted to the AQMD not later than 180 days of initial installation of the new HEPA filters (device nos. C186 and C188), and/or, the installation of the PTFE membrane filter bags (device nos. C156 and C157),

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

respectively.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; **40CFR 63 Subpart X, 6-23-2003**]

[Devices subject to this condition : C38, C39, C156, C157]

K171.2 The operator shall provide to the District the following items:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A) Two (2) copies of the test plan shall be submitted to the Refinery and Waste Management Permitting Unit, Engineering and Compliance, not less than 60 calendar days prior to the initial test date and shall be approved by the District before the tests commence. The plan shall include the proposed operating conditions of the equipment during each test run.

B) The total amount, in tons, of all materials charged to the battery crusher during each test run shall be recorded. The measuring period for determining the process weight of throughputs shall include the period during which the test run occurred. This requirement shall apply to each test run.

C) A test plan shall be submitted for District approval, and it shall include the following:

1. The identity of the testing laboratory.

2. A statement from the testing laboratory certifying it meets the criteria in District Rule 304 (k).

3. A list of contaminants to be tested.

4. Testing procedures for each contaminant and a description of all sampling and analytical procedures to be used.

5. Location of points of sampling.

6. Quality assurance measures.

7. Experience in testing procedures.

8. Date(s) and time(s) of commencement of the test(s).

D) The source tests shall be completed, and a final report submitted to the District, not later than 180 days after the installation of the new 100-H.P. exhaust blower is completed.

[RULE 1420, 9-11-1992]

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C165, C172]

K171.3 The operator shall provide to the District the following items:

The operator shall keep and maintain the following information and provide it upon request of District personnel.

1) The information required by condition E448.4 part 5.

2) The number of working hours per day involving lead removal.

3) The date and time of each HEPA filter replacement.

4) A copy of the manufacturer's certification of efficiency for the HEPA filter(s).

[RULE 1420, 9-11-1992]

[Devices subject to this condition : C185]

K171.5 The operator shall provide to the District the following items:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A) Two (2) copies of the test plan shall be submitted to the Refinery and Waste Management Permitting Unit, Engineering and Compliance, not less than 60 calendar days prior to the initial test date and shall be approved by the District before the tests commence. The plan shall include the proposed operating conditions of the equipment during each test run.

B) The test plan copies shall be submitted electronically in Adobe pdf file format on digital compact disc, or by email attachment, to the current permit processing engineer assigned to this facility at the time of the source test.

C) The total amount, in tons, of all materials charged to the rotary dryer furnace, the cupola furnace, the refining pot furnaces, and the RMPS battery crusher during each test run shall be recorded. The measuring period for determining the process weight of throughputs shall include the period during which the test run occurred. This requirement shall apply to each test run.

D) The test plan shall be submitted for District approval, and it shall include the following:

1. The identity of the testing laboratory.

2. A statement from the testing laboratory certifying it meets the criteria in District Rule 304 (k).

3. A list of contaminants to be tested.

4. Testing procedures for each contaminant and a description of all sampling and analytical procedures to be used.

5. Location of points of sampling.

6. Quality assurance measures.

7. Experience in testing procedures.

8. Date(s) and time(s) of commencement of the test(s).

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E) Upon completion of the source tests, a final report shall be submitted to the District not later than 60 days after the source test is completed. The test report shall be submitted electronically in Adobe pdf file format on digital compact disc or by email attachment to the current permit processing engineer assigned to this facility at the time of the source test.

[RULE 1420.1, 11-5-2010]

[Devices subject to this condition : S145, S158, C184, S187, S189]